

Title (en)

AUTOMATIC SPEED-CHANGE CONTROL DEVICE

Title (de)

AUTOMATISCHE DREHZAHLÄNDERUNGSSTEUERVORRICHTUNG

Title (fr)

DISPOSITIF DE COMMANDE DE CHANGEMENT DE VITESSE AUTOMATIQUE

Publication

EP 1610037 A1 20051228 (EN)

Application

EP 04723755 A 20040326

Priority

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- JP 2003090824 A 20030328

Abstract (en)

In an automatic transmission control system, an operating amount of a throttle due to a driver's depression of an accelerator pedal is detected, and the rotating number of an engine suitable for the detected throttle operating amount is detected. The automatic transmission control system includes a shift map defined by the throttle operating amount and the engine rotating number. The actuation of upshift or downshift of a transmission is automatically controlled based on the shift map. The driver can be informed of a point where a shift map is switched by a depression operation of the accelerator pedal so that generation of unnecessary downshift and delay of upshift are prevented to allow a vehicle to be efficiently driven.

IPC 1-7

F16H 61/02

IPC 8 full level

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CPC (source: EP US)

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DE FR

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EP 1610037 A1 20051228; **EP 1610037 A4 20100609**; **EP 1610037 B1 20111102**; CN 1768221 A 20060503; JP 2004293761 A 20041021; US 2006030456 A1 20060209; US 7311637 B2 20071225; WO 2004088176 A1 20041014

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